L Number	Hits	Search Text	DB	Time stamp
1	404987	(polymer\$3 or plastic\$3 or non\$2conduct\$10 or non\$2metallic) near3 (substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/08/11 14:59
2 .	54614	<pre>((polymer\$3 or plastic\$3 or non\$2conduct\$10 or non\$2metallic) near3 (substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3)) and ((substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3) near3 (radiat\$10 or irradiat\$10 or expos\$10 or illuminat\$10))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/11 15:06
	13605	(((polymer\$3 or plastic\$3 or non\$2conduct\$10 or non\$2metallic) near3 (substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3)) and ((substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3) near3 (radiat\$10 or irradiat\$10 or expos\$10 or illuminat\$10))) and ((substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3) near10 (laser or UV or ultraviolet))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/11 15:02
4	2627	<pre>((((polymer\$3 or plastic\$3 or non\$2conduct\$10 or non\$2metallic) near3 (substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3)) and ((substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3) near3 (radiat\$10 or irradiat\$10 or expos\$10 or illuminat\$10))) and ((substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3) near10 (laser or UV or ultraviolet))) and ((laser or UV or ultraviolet) same (discharge or plasma))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/11
5		(((((polymer\$3 or plastic\$3 or non\$2conduct\$10 or non\$2metallic) near3 (substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3)) and ((substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3) near3 (radiat\$10 or irradiat\$10 or expos\$10 or illuminat\$10)) and ((substrate\$3 or article\$3 or part\$3 or workpiece\$3 or component\$3 or surface\$3) near10 (laser or UV or ultraviolet))) and ((laser or UV or ultraviolet)) and ((laser or plasma))) and ((discharge or plasma) near15 (electrode\$3 or anode\$3 or cathode\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/11

6	608	(((((polymer\$3 or plastic\$3 or	USPAT;	2003/08/11
	1	non\$2conduct\$10 or non\$2metallic) near3	US-PGPUB;	15:04
		(substrate\$3 or article\$3 or part\$3 or	EPO; JPO;	
		workpiece\$3 or component\$3 or surface\$3))	DERWENT;	
ŀ		and ((substrate\$3 or article\$3 or part\$3	IBM_TDB	
		or workpiece\$3 or component\$3 or		
		surface\$3) near3 (radiat\$10 or		
		irradiat\$10 or expos\$10 or		
		illuminat\$10))) and ((substrate\$3 or		
	*	article\$3 or part\$3 or workpiece\$3 or		İ
		component\$3 or surface\$3) near10 (laser	[i .
		or UV or ultraviolet))) and ((laser or UV		
		or ultraviolet) same (discharge or		
		plasma))) and ((discharge or plasma)		
•		near15 (electrode\$3 or anode\$3 or		
l <u>_</u>		cathode\$3))		
7	297	((((((polymer\$3 or plastic\$3 or	USPAT;	2003/08/11
		non\$2conduct\$10 or non\$2metallic) near3	US-PGPUB;	16:31
		(substrate\$3 or article\$3 or part\$3 or	EPO; JPO;	
		workpiece\$3 or component\$3 or surface\$3))	DERWENT;	
1		and ((substrate\$3 or article\$3 or part\$3	IBM TDB	1
1		or workpiece\$3 or component\$3 or	_	
1		surface\$3) near3 (radiat\$10 or		
1		irradiat\$10 or expos\$10 or		
1		illuminat\$10))) and ((substrate\$3 or		
1		article\$3 or part\$3 or workpiece\$3 or		
1		component\$3 or surface\$3) near10 (laser		
1		on IN on ultraviolative and //large and in	·	· ·
1		or UV or ultraviolet))) and ((laser or UV or ultraviolet) same (discharge or		
			•	
1		plasma))) and ((discharge or plasma)		
		near15 (electrode\$3 or anode\$3 or		•
		cathode\$3))) and ((jet\$10 or flow\$10 or		
		spray\$10 or inject\$10 or circulat\$10 or		
		input or deliver\$10 or nozzle\$3) near5		
		gas\$3)		
8	175	((((((polymer\$3 or plastic\$3 or	USPAT;	2003/08/11
		non\$2conduct\$10 or non\$2metallic) near3	US-PGPUB;	16:25
		(substrate\$3 or article\$3 or part\$3 or	EPO; JPO;	
		<pre>workpiece\$3 or component\$3 or surface\$3))</pre>	DERWENT;	
		and ((substrate\$3 or article\$3 or part\$3	IBM TDB	
		or workpiece\$3 or component\$3 or		
		surface\$3) near3 (radiat\$10 or		
		irradiat\$10 or expos\$10 or		
		illuminat\$10))) and ((substrate\$3 or		
				i
1		article\$3 or part\$3 or workpiece\$3 or		1
		component\$3 or surface\$3) near10 (laser		
		or UV or ultraviolet))) and ((laser or UV		
		or ultraviolet) same (discharge or		
		plasma))) and ((discharge or plasma)		
		near15 (electrode\$3 or anode\$3 or		
		cathode\$3))) and ((jet\$10 or flow\$10 or		
		spray\$10 or inject\$10 or circulat\$10 or		1
}		input or deliver\$10 or nozzle\$3) near5		
		gas\$3)) and ((substrate\$3 or article\$3 or		
		part\$3 or workpiece\$3 or component\$3 or		
1		surface\$3) near5 (continuous\$3 or mov\$10		
		or convey\$10 or transport\$10))		
9	1530	((polymer\$3 or plastic\$3 or	USPAT;	2003/08/11
-		non\$2conduct\$10 or non\$2metallic) near3	US-PGPUB;	16:30
		(substrate\$3 or article\$3 or part\$3 or		1 10.30
			EPO; JPO;	
		workpiece\$3 or component\$3 or surface\$3))	DERWENT;	
1		and ((cloud or plume or zone) near10	IBM_TDB	1
1.0		(plasma or discharge))		
10	573	(((polymer\$3 or plastic\$3 or	USPAT;	2003/08/11
		non\$2conduct\$10 or non\$2metallic) near3	US-PGPUB;	16:31
		(substrate\$3 or article\$3 or part\$3 or	EPO; JPO;	
		workpiece\$3 or component\$3 or surface\$3))	DERWENT;	
		and ((cloud or plume or zone) near10	IBM TDB	
		(plasma or discharge))) and ((discharge	_	Ι .
		or plasma) near15 (electrode\$3 or anode\$3		ĺ
		or cathode\$3))		
	·		L	I

11	354	((((polymer\$3 or plastic\$3 or	USPAT;	2003/08/11
		non\$2conduct\$10 or non\$2metallic) near3	US-PGPUB;	16:32
		(substrate\$3 or article\$3 or part\$3 or	EPO; JPO;	
		workpiece\$3 or component\$3 or surface\$3))	DERWENT;	
	ĺ	and ((cloud or plume or zone) near10	IBM TDB	
		(plasma or discharge))) and ((discharge		
		or plasma) near15 (electrode\$3 or anode\$3		
		or cathode\$3))) and ((jet\$10 or flow\$10		· ·
		or spray\$10 or inject\$10 or circulat\$10		1
		or input or deliver\$10 or nozzle\$3) near5		
		gas\$3)		• •
12	128	(((((polymer\$3 or plastic\$3 or	USPAT;	2003/08/11
		non\$2conduct\$10 or non\$2metallic) near3	US-PGPUB;	16:49
		(substrate\$3 or article\$3 or part\$3 or	EPO; JPO;	
		workpiece\$3 or component\$3 or surface\$3))	DERWENT;	
		and ((cloud or plume or zone) near10	IBM TDB	
		(plasma or discharge))) and ((discharge	_	1
		or plasma) near15 (electrode\$3 or anode\$3		
		or cathode\$3))) and ((jet\$10 or flow\$10		
		or spray\$10 or inject\$10 or circulat\$10		•
•		or input or deliver\$10 or nozzle\$3) near5		
		gas\$3)) and (laser or UV or ultraviolet)		
13	6705	(laser or UV or ultraviolet) same	USPAT;	2003/08/11
		(discharge or plasma) same (cloud or	US-PGPUB;	16:51
		plume or zone or site or location or	EPO; JPO;	
		area)	DERWENT;	
1.4	1		IBM_TDB	
14	170	((laser or UV or ultraviolet) same	USPAT;	2003/08/11
		(discharge or plasma) same (cloud or	US-PGPUB;	16:51
		plume or zone or site or location or	EPO; JPO;	
		area)) and (reactive adj gas)	DERWENT;	
15	1.04	///2	IBM_TDB	
15	164	(((laser or UV or ultraviolet) same	USPAT;	2003/08/11
		(discharge or plasma) same (cloud or plume or zone or site or location or	US-PGPUB;	16:52
		area)) and (reactive adj gas)) not	EPO; JPO;	
	1.	((((((polymer\$3 or plastic\$3 or	DERWENT;	
		non\$2conduct\$10 or non\$2metallic) near3	IBM_TDB	
		(substrate\$3 or article\$3 or part\$3 or	Ì	·
		workpiece\$3 or component\$3 or surface\$3))		
		and ((cloud or plume or zone) near10		
		(plasma or discharge))) and ((discharge		
		or plasma) near15 (electrode\$3 or anode\$3		
		or cathode\$3))) and ((jet\$10 or flow\$10		
		or spray\$10 or inject\$10 or circulat\$10	,	
		or input or deliver\$10 or nozzle\$3) near5	'	
		gas\$3)) and (laser or UV or ultraviolet))		